CLAIMS

	1	I claim:	
1	Sub	1. A transmission for a wind generator, the transmission comprising	
2	4,7	a housing,	
3	;	a rotor supported in said housing,	
4	:	a multi-stage planetary transmission stage driven by said rotor, and	
5	;	a spur gear stage driven by said multi-stage planetary transmission stage, said	
6 (]	spur gear stage driving at least one generator.		
127 127			
77 	:	2. A transmission as in claim 1 further comprising	
149	:	an annular gear carrier fixed directly to said rotor,	
10	;	an annular gear fixed to said annular gear carrier, said multi-stage planetary	
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	transmission sta	age including said annular gear.	
131 14	:	3. A transmission as in claim 1 further comprising	
2		a pair of sliding contact bearings supporting said rotor in said housing, at least one	
3	of said bearings	said bearings absorbing axial forces,	
4	:	an oil pump for raising said bearings hydrostatically, and	
5	;	means for controlling said oil pump so that said bearings can be switched between	
6	partially and fu	ally hydrodynamic lubrication.	
1		4 A transmission as in claim 2 wherein said rotor and said annular gear	

carrier are formed integrally.

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which are surface-hardened.

A transmission as in claim 1 further comprising 1 a flanged housing surrounding said spur gear stage, and 2 3 at least two output shafts arranged in said housing and driving respective 4 generators, each said output shaft having a pinion gear which engages said spur gear stage.